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EXAMINER

JACOBS, LASHONDA T

ART UNIT PAPER NUMBER

2157

DATE MAILED: 07/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/721,012

Applicant(s)

FIECHTER ET AL

Examiner

LaShonda T. Jacobs

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 April 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 and 50-62 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 and 50-62 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

This Office Action is in response to Applicants' Amendment/Request for reconsideration filed on April 26, 2005. Claims 1-34 and 50-62 are presented for further examination.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims **1-34** and **50-62** are rejected under 35 U.S.C. 103(a) as being unpatentable over Wynblatt et al (hereinafter, "Wynblatt", U.S. Pat. No. 6,018,710) in view of Ball et al (hereinafter, "Ball", U.S. Pat. No. 6,600,736).

As per claim **1**, Wynblatt discloses a mobile browser system with adaptive personalization and audio feedback capability for retrieving information from an information network, the information network comprising a plurality of network servers, the browser system comprising:

- a wireless communication interface operable to transmit data to one or more of the plurality of network servers, to receive user input., and to receive data from one or more of the plurality of network servers, wherein the data transmitted to the one or more of the plurality of network servers includes a request for information, and the data received

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from the one or more of the plurality of network servers includes information responsive to the request (col. 2, lines 30-39 and col. 8, lines 31-41), and

- an audio interface operable to receive data from the wireless communication interface (col. 2, lines 43-46 and lines 59-65).

However, Wynblatt does not explicitly disclose:

- an adaptive personalization module operable to monitor the user input during one or more previous sessions with the browser system, and to determine the order for presenting the requested information based on previous user input.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- an adaptive personalization module (cookie) operable to monitor the user input during one or more previous sessions with the browser system, and to determine the order for presenting the requested information based on previous user input (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claim 18, Wynblatt discloses a mobile information network browser device with feedback capability for retrieving information from an information network, the information network comprising a plurality of network servers, the browser device comprising:

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- a communication interface operable to transmit a request for information to a network server, and to receive data responsive to the request from the network server (col. 2, lines 30-39 and col. 8, lines 31-41); and
- a mobile audio device operable to transmit the request for information to the communication interface and to receive data responsive to the request from the communication interface, the mobile audio device being further operable to receive input from a user, to convert the input to a digital signal, and to transmit the digital signal to the communication interface, the mobile audio device being further operable to receive the data responsive to the request from the communication interface, and to convert the data to an audio signal for output to an audio output device (col. 2, lines 43-46, lines 59-65 and col. 5, lines 3-12).

However, Wynblatt does not explicitly disclose:

- adaptive personalization module (cookie) operable to monitor the user input during one or more previous sessions with the browser device, and to determine the order for presenting the requested information based on previous user input.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- adaptive personalization module operable to monitor the user input during one or more previous sessions with the browser device, and to determine the order for presenting the requested information based on previous user input (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record

user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claim 50, Wynblatt discloses a method of browsing an information network via a wireless communication network and receiving responsive information in audio format using a mobile audio device, the method comprising:

- transmitting input from a user via the wireless communication network to a data processor (abstract, col. 2, lines 59-67, col. 3, lines 1-8, lines 57-67, col. 4, lines 1-33, lines 52-67 and col. 5, lines 1-19)l-
- processing the input to determine when the user enters a valid browsing command (abstract, col. 2, lines 59-67, col. 3, lines 1-8, lines 57-67, col. 4, lines 1-33, lines 52-67 and col. 5, lines 1- 19);
- transmitting the browsing command to a server on the information network (abstract, col. 2, lines 59-67, col. 3, lines 1-8, lines 57-67, col. 4, lines 1-33, lines 52-67 and col. 5, lines 1-19);
- receiving the responsive information from the server (abstract, col. 2, lines 59-67, col. 3, lines 1 -8, lines 57-67, col. 4, lines; 1-33, lines 52-67 and col. 5, lines 1- 19).
- formatting the responsive information in audio format (col. 2, lines 59-65);
- transmitting the formatted audio information to the mobile audio device via the wireless communication network (col. 2, lines 30-39 and col. 8, lines 31-41);
- generating an audio output signal in the mobile audio device (col. 2, lines 30-39 and col. 8, lines 31-41); and

- transmitting the audio output signal to an audio output device (col. 2, lines 30-39 and col. 8, lines 31-41).

However, Wynblatt does not explicitly disclose:

- adaptively determining the order for presenting the responsive information based on user input during one or more previous sessions with the mobile audio device,

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- adaptively determining the order for presenting the responsive information based on user input during one or more previous sessions with the mobile audio device (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims **2**, **20** and **52**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to update a user's model based on the previous user input and the user's model is used to determine the order for presenting the requested information.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to update a user's model based on the previous user input and the user's model is used to determine the order for presenting the requested information (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims 3, 21 and 53, Wynblatt discloses:

- wherein the adaptive personalization module is further operable to update a user's model based on whether the user input a command to skip playback of the requested (col. 16, lines 63-67, col. 19, lines 12-30 and col. 28, lines 50-59).

As per claims 4, 22 and 54, Wynblatt discloses:

- wherein the adaptive personalization module is further operable to update a user's model based on whether the user input a command to fast-forward or rewind playback of the requested information.

As per claims 5, 23 and 55, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to update a user's model based on whether the user requested more detail on the requested information.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to update a user's model based on whether the user requested more detail on the requested information (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims 6, 24 and 56, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to generate a representation of each piece of content in the requested information, and the order of presentation of the requested information is determined based on the user's model and the representation.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to generate a representation of each piece of content in the requested information, and the order of presentation of the requested information is determined based on the user's model and the representation (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record

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user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims **7**, **27** and **60**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to determine whether the requested information is redundant compared to information presented during a previous session.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to determine whether the requested information is redundant compared to information presented during a previous session (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims **8**, **28** and **61**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

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- wherein the adaptive personalization module is further operable to determine whether a piece of content in the requested information is redundant compared to one or more other pieces of content in the requested information.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to determine whether a piece of content in the requested information is redundant compared to one or more other pieces of content in the requested information (col. 9, lines 4-24).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims 9, 25 and 57, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to convert the responsive information from a text format to an audio format, and the representation includes the frequency with which each word occurs in each piece of content.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to convert the responsive information from a text format to an audio format, and the representation

includes the frequency with which each word occurs in each piece of content (col. 9, lines 4-24 and col. col. 7, lines 1-10).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims **10**, **26** and **58**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to convert the responsive information from an audio format to a text format, and the representation includes the frequency with which each word occurs in each piece of content.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to convert the responsive information from an audio format to a text format, and the representation includes the frequency with which each word occurs in each piece of content (col. 9, lines 4-24 and col. col. 7, lines 1-10).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims **11**, **29** and **62**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- a user interface operable to allow the user to generate and modify a playlist, wherein the playlist is included in the user's model.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- a user interface operable to allow the user to generate and modify a playlist, wherein the playlist is included in the user's model (col. 9, lines 4-32 and col. col. 7, lines 1-10).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claims **12** and **30**, Wynblatt discloses:

- wherein the user interface is a graphical user interface (col. 2, lines 11-14).

As per claims **13** and **31**, Wynblatt discloses:

- wherein the user interface is an audio interface (col. 4, lines 67 and col. 5, lines 1-2).

As per claims **14** and **32**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the user interface is a telephone interface.

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Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the user interface is a telephone interface (abstract and col. 6, lines 26-29).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including a telephone within the WIRE system in order to allow a user to access the Internet in a timely and efficient manner

As per claims **15** and **33**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the user interface is a wireless telephone interface.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the user interface is a wireless telephone interface (abstract and col. 6, lines 26-29).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including a telephone within the WIRE system in order to allow a user to access the Internet in a timely and efficient manner

As per claims **16** and **34**, Wynblatt discloses the invention substantially as claims discussed above.

However, Wynblatt does not explicitly disclose:

- wherein the adaptive personalization module is further operable to generate and modify a user's playlist.

Ball discloses a method for providing transfer capability on web-based interactive voice response services including:

- wherein the adaptive personalization module is further operable to generate and modify a user's playlist (col. 9, lines 4-32 and col. 7, lines 1-10).

Given the teaching of Ball, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Wynblatt by including cookies to monitor and record user session information in order to formulate interactive PML pages based on user previous sessions in a timely and efficient manner.

As per claim 17, Wynblatt discloses:

- a mobile audio device having an audio converter, the audio converter being operable to receive the information responsive to the request, the audio converter being further operable to convert the responsive information to an audio signal for output to an audio output device, wherein the audio converter outputs the audio signal to a short-range wireless radio, the short-range wireless radio being operable to broadcast the audio signal to a channel on a car radio (col. 2, lines 43-46, lines 59-65 and col. 5, lines 3-12).

As per claim 19, Wynblatt further discloses:

- a voice interaction system operable to recognize commands from a user's speech input for interaction with the browser device including the request for information (col. 7, lines 29-43).

As per claim 51, Wynblatt discloses:

- recognizing commands from a user's speech input for interaction with the mobile audio device including the browsing command (col. 7, lines 29-43).

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As per claim **59**, Wynblatt further discloses:

- providing the position of the mobile audio device to the information network via the wireless communication, wherein the responsive information is based on the location of the mobile audio device (col. 4, lines 61-67 and col. 5, lines 1-12).

Response to Arguments

3. Applicant's arguments with respect to claims **1-34** and **50-62** have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pat. No. 6,870,910 to Armstrong et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LaShonda T. Jacobs whose telephone number is 571-272-4004.

The examiner can normally be reached on 8:30 A.M.-5:00 P.M..


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LaShonda T Jacobs
Examiner
Art Unit 2157

ltj
July 20, 2005


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